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## RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citzenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: POSITION SENSOR the specification of which (check applicable box(s)): is attached hereto 8 (Atty Dia. No. 1179-45) as U.S. Application Serial No. was filed on was filed as PCT International application No. and (if applicable to U.S. or PCT application) was amended on I hereby state that I have reviewed and understand the contents of the above libertified specification, including the claims, as amended by any amondment referred to above. I acknowledge the duty to disclose information which is material to the patentiability of this application in accordance with 37 C.F.R. 1.56. I hareby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's cartificate listed below and have also identified below any foreign application for patent or inventor's cartificate having a filing data before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application; Piloniy Foreign Application(s): - Day/Month/Year Filed Country Application Number 20 October 1999 GB 9924846.0 7 June 2000 GB 0013882.6 19 October 2000 PCT PCT/GB00/04030 I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Date/Month/Year Filed Application Number I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, preofer as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the fitting date of the prior applications and the national or PCT intornational filling date of this application: Status: patented prior U.S.PCT Application(s): pending, abandoned Application Serial No. Day/Month/Year Filed 24 December 1998 03/220,354 I negety declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are purishable by line or impresonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may recognize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint NIXON & VANDERNYE P.C., 1100 North Globa Rd., 8" Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following atternays thereof (of the same address) inclvidually and collectively owners anomays to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur A. Crawford, 25327; Larry S. Nixon, 25640; James T. Hostner, 30184; Robert W. Farts, 31352; Richard G. Besha, 22770; Mark E. Nusbeum, 32348; Michael J. Keenen, 32106; Bryan H. Davidson, 30251; Startley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastove, 33149; H. Warren Burtram, Jr. 29366; Mary J. Wilson, 32955; J. Scott Oevidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michaelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rinos, 37515; Raymond Y. Mah, 41426; Chris Comunizis, 31097. Laiso authorize Nixon & Vanderhye to delote any attorney names/numbers no longer with the firm and to act and rely solery on instructions directly communicated from the person, assignoe, attorney, firm, or other organization sending instructions to Nixon's Vanuaritys on Senalt of the owner(s). Inventor's Signature: ١. G8 ELY Devid inventor: (citizenship) (iast) (ttrst) (state/country) G8 Harston, Campdogashire Residence: (city) c/o Synaptics (UK) Umited, Harston Mill, Harston, Cambridgeshire, GB Post Office Address: **C82 5GG** (Zip Code) Deta: Inventor's Signature: 2. Inventor (citizenship) MΙ (last) (first) (state/country) Residence: (city) Post Office Address:

FOR ADDITIONAL INVENTORS, check box [] and attach sheet with same information and signature and date for each.

(Zip Code)